

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	AFFYP005D
	Application No.:	Unassigned
	Inventor	CHEE, Mark S. et al.
	Group	Unassigned
	Filing Date	March 1, 2004
	Mailing Date	March 1, 2004

U.S. Patent or Published Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- Class
KRS		4,720,786	1/1988	Hara	364	413
		4,741,043	4/1988	Bacus	382	6
		4,777,597	10/1988	Shiraishi et al.	364	413.01
		4,802,101	1/1989	Hara	364	496
		4,811,218	3/1989	Hunkapiller et al.	364	413.13
		4,837,733	6/1989	Shiraishi et al.	364	413.13
		4,885,696	12/1989	Hara	364	497
		4,888,695	12/1989	Shiraishi et al.	364	413.13
		4,894,786	1/1990	Hara	364	497
		4,939,667	7/1990	Hara et al.	364	497
		4,941,092	7/1990	Hara et al.	364	413.15
		4,958,281	9/1990	Hara	364	413.01
		4,965,725	10/1990	Rutenberg	364	413.1
		4,972,325	11/1990	Hara	364	497
		4,982,326	1/1991	Kaneko	364	413.01
		5,002,867	3/1991	Macevicz	435	6
		5,143,854	9/1992	Pirung et al.	436	518
		5,200,313	4/1993	Carrico	435	6
		5,202,231	4/1993	Drmanac et al.	435	6
		5,235,626	8/1993	Flamholz et al.	378	34
		5,260,190	11/1993	Shiraishi et al.	435	6
		5,270,162	12/1993	Shiraishi et al.	435	6
		5,273,632	12/1993	Stockham et al.	204	180.1
		5,288,514	2/1994	Ellman	427	2
		5,297,288	3/1994	Hemminger et al.	395	700
		5,306,618	7/1994	Prober et al.	435	6
		5,332,666	4/1994	Prober et al.	435	91
		5,384,261	1/1995	Winkler et al.	436	518
		5,445,934	9/1995	Fodor et al.	435	6
		5,470,710	11/1995	Weiss et al.	435	6
		5,492,806	2/1996	Drmanac	435	5
		5,503,985	4/1996	Cantor	435	6
		5,525,464	6/1996	Drmanac et al.	435	6
		5,527,681	6/1996	Holmes	435	6
		5,556,749	9/1996	Mitsubishi et al.	435	6
		5,665,549	9/1997	Pinkel et al.	435	6
		5,667,972	9/1996	Drmanac et al.	435	6
		5,695,940	12/1997	Drmanac et al.	435	6
		5,700,637	12/1997	Southern	435	6
		5,727,098	3/1998	Jacobson	385	31
		5,795,716	8/1998	Chee et al.	435	6
		5,834,758	11/1998	Trulson et al.	250	201.2
		5,972,619	10/1999	Drmanac et al.	435	6
		6,018,041	1/2000	Drmanac et al.	536	24.3
		6,025,136	2/2000	Drmanac	435	6

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office		Class	Sub-class	Translation	
								Yes	No
KRS		WO 89/10977	11/16/89	PCT					
		WO 90/01564	2/1990	PCT	C12Q	68			
		WO 92/10092	06/25/92	PCT					
		WO 92/10588	06/25/92	PCT					
		WO 92/20824	11/1992	PCT	C12Q1	68			
		WO 93/11262	6/1993	PCT	C12Q	68			
		WO 93/18186	9/1993	PCT	C12Q	68			
		WO 94/11837	5/1994	PCT	G06F15	42			
		WO 95/00530	1/5/1995	PCT					
		WO 95/11995	05/04/95	PCT					
		WO 95/35505	12/28/95	PCT					
		0514927 A1	5/1992	EP	C12Q	68			
		0549388 A1	6/1993	EP	C12Q	68			
		2684688	6/1993	FR	C12Q	68			
		0631635	9/1993	EP	C12Q	68			
		0677194	5/1994	EP	G06F15	42			

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
KRS		Drmanac et al. An algorithm for the DNA Sequence Generation from k-Tuple Word Contents of the Minimal Number of Random Fragments. 1991. J. of Biomolecular Structure & Dynamics 8: 1085-1102
		Pease et al., "Light-Directed Oligonucleotide Arrays for Rapid DNA Sequence Analysis" May 1994, Proc. Natl. Acad. Sci, Vol. 91, pp. 5022-5026
		Fodor et al., "Light-Directed Spatially Addressable Parallel Chemical Synthesis," Vol. 251, Feb. 15, 1991, pp. 767-773
		Brown et al., "An Inexpensive MSI/LSI Mask Making System, : Proceedings of 1981, Univ. Govt. Indus. Microelec. Symposium. May 26-27, 1981, pp. III-31 through III-38.
		Dear et al., "A Sequence Assembly and Editing Program For Efficient Management of Large Projects," Nucleic Acids Research, Vol. 19, No. 14, 1991 Oxford Univ. Press, pp. 3907-3911
		Drmanac et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large Scale Sequencing" 1993, Science 260, 1649-1652
		Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel Based Method" 1991, PNAS 88, 10089-10093
		Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides: Evaluation Using Experimental Modes!" 1992, Genomics 13, 1008-1017

Examiner /Karlheinz Skowronek/	Date Considered 07/13/2006
-----------------------------------	-------------------------------

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (07-05)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/791,373	
			Filing Date	March 1, 2004	
			First Named Inventor	Chee	
			Art Unit	1631	
			Examiner Name	Skowronek, K. R.	
Sheet	1	of	2	Attorney Docket Number	018547-008241US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KRS ↓	AA	US-6,733,964	05-11-2004	Chee et al.	
	AB	US-6,646,243	11-11-2003	Pirung et al.	
	AC	US-6,607,887	08-19-2003	Chee	
	AD	US-6,600,996	07-29-2003	Webster et al.	
	AE	US-6,355,432	03-12-2002	Fodor et al.	
	AF	US-6,242,180	06-05-2001	Chee	
	AG	US-5,974,164	10-26-1999	Chee	
	AH	US-5,795,716	08-18-1998	Chee	
	AI	US-2004/0175718 AI	09-09-2004	Chee et al.	
	AJ	US-2003/0220748 AI	11-27-2003	Webster et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	/Karlheinz Skowronek/	Date Considered	07/13/2006
--------------------	-----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Unsaved Document

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	10/791,373
				Filing Date	March 1, 2004
				First Named Inventor	Chae
				Art Unit	1631
Examiner Name	Skowronek, K. R.				
Attorney Docket Number	018547-008241US				
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KRS ↓	AK	DRMANAC et al., "Miniaturization of Sequencing by Hybridization (SBH): a novel method for genome sequencing," and "Algorithm for Sequence Generation from k-tuple word content," abstracts only from Wolf Trap Genome Sequencing Conference, 1989.	<input checked="" type="checkbox"/>
	AL	DRMANAC et al., "Partial Sequencing of Random cDNA Clones by Hybridizations of Short Oligonucleotides: Making a Gene Inventory," and "Towards Genomic DNA Sequencing Chip Based on Oligonucleotide Hybridization," abstracts only, pages 52-53 from Genome and Sequencing Conference, Cold Spring Harbor Laboratory, 5/2-6/90.	<input type="checkbox"/>
	AM	DRMANAC et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," <i>Scientia Yugoslavia</i> , 16(1-2):97-107 (1990).	<input type="checkbox"/>
	AN	DRMANAC et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?," <i>Proc. First Int'l Conf on Electrophoresis, Supercomputing and the Human Genome</i> , pages 47-59, held 4/10-13/90 in Tallahassee, FL.	<input type="checkbox"/>
	AO	Illumina, Inc.'s First Amended Answer and Counterclaims in Civil Action 04-901 JJF.	<input type="checkbox"/>

Examiner Signature	/Karlheinz Skowronek/	Date Considered	07/13/2006
--------------------	-----------------------	-----------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.